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TEXTILE ORGANON

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Highlights

- 1983-1987 Summary of U.S. Imports and Exports of Manufactures... begins on page 180.
- U.S. Hosiery Production unchanged in 1987... see page 184.
- Total Available Fiber increases 51 million pounds in Second Quarter 1988... see pages 188-189.

SHIPMENTS:

Total man-made fiber shipments in July experienced their seasonal decline, and fell 61 million pounds or 8% below the June level. All fiber types except cellulosic yarn were at or below their levels of the previous month. On a pound basis, the two fibers showing the biggest declines for the month were olefin yarn down 17 million pounds and polyester staple down 11 million pounds.

When compared with the previous July, shipments of all fibers were also down, by a total of 13 million pounds. The individual fiber types were about equally divided between those showing gains and losses. Of the fibers showing gains since last year, cellulosic yarn, polyester industrial yarn, olefin yarn and polyester staple each showed an increase of over 3 million pounds. The two fibers with the largest declines in shipments were nylon carpet yarn and nylon staple, each down by 7 million pounds from the levels of last July.

TABLE 1:
TOTAL U.S. MAN-MADE FIBER SHIPMENTS
MILLION POUNDS & *PERCENT CHANGE*

ITEM	1988 JUL	1988 JUN	% CHG 6/88-7/88	1987 JUL	% CHG 7/87-7/88	YEAR TO DATE 1988	YEAR TO DATE 1987	% CHG YTD 1987-1988
CELLULOSIC								
YARN	19.1	17.5	*+9.1*	14.6	*+30.8*	124.4	108.3	*+14.9*
RAYON STAPLE	29.1	36.2	*-19.6*	33.6	*-13.4*	244.2	232.7	*+4.9*
TOTAL CELLULOSIC	**48.2**	**53.7**	***-10.2***	**48.2**	**- -**	**368.6**	**341.0**	***+8.1***
NONCELLULOSIC								
YARN+MONOFILAMENT								
NYLON - INDUSTRIAL	32.4	32.4	- -	30.6	*+5.9*	222.2	220.2	*+0.9*
- CARPET	73.7	79.3	*-7.1*	80.4	*-8.3*	553.5	554.6	*-0.2*
- TEXTILE[a]	27.7	32.6	*-15.0*	31.1	*-10.9*	219.7	221.4	*-0.8*
POLYESTER - INDUSTRIAL	29.3	31.3	*-6.4*	26.1	*+12.3*	208.8	192.3	*+8.6*
- TEXTILE[a]	70.2	70.5	*-0.4*	72.3	*-2.9*	485.9	492.9	*-1.4*
OLEFIN	86.3	102.8	*-16.1*	83.2	*+3.7*	695.7	630.9	*+10.3*
TOTAL YARN	**319.6**	**349.9**	***-8.7***	**323.7**	***-1.3***	**2385.8**	**2312.3**	***+3.2***
STAPLE+TOW+FIBERFILL								
NYLON	75.0	79.2	*-5.3*	81.6	*-8.1*	546.2	591.3	*-7.6*
ACRYLIC+MODACRYLIC	42.1	47.4	*-11.2*	47.5	*-11.4*	337.2	350.2	*-3.7*
POLYESTER	185.2	195.7	*-5.4*	181.6	*+2.0*	1380.1	1361.1	*+1.4*
OLEFIN	26.9	32.4	*-17.0*	26.9	- -	209.7	206.3	*+1.6*
TOTAL STAPLE	**329.2**	**354.7**	***-7.2***	**337.6**	***-2.5***	**2473.2**	**2508.9**	***-1.4***
TOTAL NONCELLULOSIC	**648.8**	**704.6**	***-7.9***	**661.3**	***-1.9***	**4859.0**	**4821.2**	***+0.8***
TOTAL MAN-MADE FIBER	**697.0**	**758.3**	***-8.1***	**709.5**	***-1.8***	**5227.6**	**5162.2**	***+1.3***
TOTAL SHIPMENTS DIVIDED AS -								
DOMESTIC SHIPMENTS[b]	643.7	709.1	*-9.2*	665.0	*-3.2*	4887.9	4848.5	*+0.8*
EXPORTS[c]	53.3	49.2	*+8.3*	44.5	*+19.8*	339.7	313.7	*+8.3*

a. Includes low denier industrial yarn.
b. Includes olefin exports.
c. Excludes olefin exports.

August 1988

Textile Organon

A Monthly Review

CONTENTS

Features

Raw Fiber Equivalent of Imports, Exports & Balance 180-183
Raw Fiber Equivalent of Imports & Exports of:
Man-Made Fiber, Cotton & Wool Manufactures 180
Man-Made Fiber Manufactures 181
Cotton Manufactures 182
Wool Manufactures 183

U.S. Production of Hosiery, 1978-1987 184

Industry Regulars

Total U.S. Man-Made Fiber Shipments 177

Datagram 179

Monthly U.S. Man-Made Fiber Data 185-187
Imports by Country of Origin 185
Imports by Fiber 186
Exports by Fiber 187

Quarterly Man-Made Fiber Data 188-189
Yarn+Monofilaments 188
Staple+Tow 189

Selected U.S. Monthly Fiber Data 190

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IMPORTS OF MANUFACTURED TEXTILE PRODUCTS INCREASED IN 1987

Latest U.S.D.A. data indicate that in 1987, apparel imports (of man-made, cotton and wool fiber, measured in pounds) increased by 357 million pounds or 17% over the 1986 total to reach 2458 million pounds. In the same period, imports of apparel and all manufactured products (excluding yarn and fabric) increased by 413 million pounds or 14% to reach 3267 million pounds. Since 1983, the average annual growth rate of apparel imports has been 18% and the average growth rate of imports of all manufactured products has been 17%.

NET IMPORTS INCREASED 14% IN 1987

Net imports (total imports less total exports) of manufactured and semimanufactured products increased 423 million pounds or 14% between 1986 and 1987 to reach 3488 million pounds. Since 1983, net imports have grown at an average rate of 21% per year. (See Table 2)

TOTAL AVAILABLE FIBER INCREASED 51 MILLION POUNDS IN THE SECOND QUARTER 1988

In the second quarter of 1988, the Total Available (Domestic Shipments plus Imports) of man-made fiber increased 51 million pounds above the quantity in the first quarter, to reach 2.2 billion pounds. That level is 25 million pounds above the quantity available in the second quarter of 1987. Compared with the same quarter of last year, the Total Available quantity of filament yarn increased 33 million pounds and of staple decreased 8 million pounds. Included in that total is a gain of 26 million pounds in available polyester staple, and declines of 33 million pounds of nylon staple and 22 million pounds of acrylic+modacrylic staple. (See Tables 10)

TABLE 2:
RAW FIBER EQUIVALENT OF IMPORTS & EXPORTS OF MAN-MADE FIBER, COTTON & WOOL MANUFACTURES
MILLION POUNDS Revised

COMMODITY	MAN-MADE FIBER							COTTON							WOOL						
	ANNUAL AVERAGE							ANNUAL AVERAGE							ANNUAL AVERAGE						
	1973 - 1977	1978 - 1982	1983	1984	1985	1986	1987	1973 - 1977	1978 - 1982	1983	1984	1985	1986	1987	1973 - 1977	1978 - 1982	1983	1984	1985	1986	1987
IMPORTS																					
SEMIMANUFACTURED PRODUCTS																					
YARN, THREAD, ETC[a]	24.2	40.1	58.0	72.0	80.9	96.3	91.9	18.2	23.0	42.1	54.7	56.4	105.9	134.5	5.6	5.4	8.4	16.5	14.1	13.7	14.6
CLOTH[b]	85.8	96.9	138.1	170.4	214.3	245.0	211.7	276.2	282.4	338.6	450.8	437.1	532.9	649.9	12.2	24.4	28.1	39.1	36.8	25.9	29.5
SUBTOTAL	**110.0**	**137.0**	**196.1**	**242.4**	**295.2**	**341.3**	**303.6**	**294.4**	**305.4**	**380.7**	**505.5**	**493.5**	**638.8**	**784.4**	**17.8**	**29.8**	**36.5**	**55.6**	**50.9**	**39.6**	**44.1**
MANUFACTURED PRODUCTS																					
WEARING APPAREL[c]	307.8	417.5	576.0	689.2	800.6	929.7	1033.6	239.1	467.0	622.8	759.7	895.5	1016.0	1265.6	30.3	42.6	58.8	80.9	137.1	155.6	158.9
INDUSTRIAL[d]	3.7	0.4	1.3	0.5	0.9	2.7	5.6	6.4	8.2	28.4	37.7	46.2	46.4	53.2	NOMINAL QUANTITIES INCLUDED IN ALL OTHER						
HOME FURNISHINGS[e]	28.0	54.2	296.1	410.4	394.2	429.2	462.6	34.1	54.8	89.9	140.3	165.7	182.9	205.2	13.7	16.9	35.5	52.3	60.5	62.9	53.1
ALL OTHER[f]								15.1	16.9	13.7	22.2	28.3	26.4	27.3	1.4	0.9	1.0	1.3	1.7	2.4	2.2
SUBTOTAL	**339.5**	**472.1**	**873.4**	**1100.1**	**1195.7**	**1361.6**	**1501.8**	**294.7**	**546.9**	**754.8**	**959.9**	**1135.7**	**1271.7**	**1551.3**	**45.4**	**60.4**	**95.3**	**134.5**	**199.3**	**220.9**	**214.2**
TOTAL IMPORTS	**449.5**	**609.1**	**1069.5**	**1342.5**	**1490.9**	**1702.9**	**1805.4**	**589.1**	**852.3**	**1135.5**	**1465.4**	**1629.2**	**1910.5**	**2335.7**	**63.2**	**90.2**	**131.8**	**190.1**	**250.2**	**260.5**	**258.3**
EXPORTS																					
SEMIMANUFACTURED PRODUCTS																					
YARN, THREAD, ETC[a]	37.2	49.8	35.3	38.3	51.1	47.9	53.9	19.4	36.3	31.2	20.2	25.8	16.6	19.6	11.6	4.0	4.0	2.9	9.1	6.3	12.7
CLOTH[b]	159.1	235.0	148.6	152.6	158.6	184.2	209.9	220.2	175.9	61.8	64.8	82.3	126.4	107.3	1.0	1.5	1.1	1.1	1.4	2.2	2.2
SUBTOTAL	**196.3**	**284.8**	**183.9**	**190.9**	**209.7**	**232.1**	**263.8**	**239.6**	**212.2**	**93.0**	**85.0**	**108.1**	**143.0**	**126.9**	**12.6**	**5.5**	**5.1**	**4.0**	**10.5**	**8.5**	**14.9**
MANUFACTURED PRODUCTS																					
WEARING APPAREL	32.8	86.4	70.8	79.4	65.2	74.9	82.5	46.4	107.3	72.1	68.3	55.5	73.9	108.4	2.5	6.7	3.0	2.9	3.8	3.8	4.2
INDUSTRIAL[d]	23.3	68.5	23.2	31.3	30.4	46.3	53.8	22.0	20.1	11.6	15.0	16.5	21.0	21.7	NOMINAL QUANTITIES INCLUDED IN ALL OTHER						
HOME FURNISHINGS[e]	46.9	74.2	125.2	102.8	70.3	86.8	101.0	62.8	55.9	42.2	37.2	32.6	36.4	40.1	2.6	0.4	0.2	0.2	0.1	0.2	0.2
ALL OTHER g	44.8	63.3	57.5	83.4	73.6	79.1	90.8			0.7	0.7	0.5	0.6	0.9	1.9	1.8	1.5	2.4	1.4	1.8	2.0
SUBTOTAL	**147.8**	**292.4**	**276.7**	**296.9**	**239.5**	**287.1**	**328.1**	**131.2**	**183.3**	**126.6**	**121.2**	**105.1**	**131.9**	**171.1**	**7.0**	**8.9**	**4.7**	**5.5**	**5.3**	**5.8**	**6.4**
TOTAL EXPORTS	**344.1**	**577.2**	**460.6**	**487.8**	**449.2**	**519.2**	**591.9**	**370.8**	**395.5**	**219.6**	**206.2**	**213.2**	**274.9**	**298.0**	**19.6**	**14.4**	**9.8**	**9.5**	**15.8**	**14.3**	**21.3**
NET EXPORTS (+) OR NET IMPORTS (-)	**-105.4**	**-31.9**	**-608.9**	**-854.7**	**-1041.7**	**-1183.7**	**-1213.5**	**-218.3**	**-456.8**	**-915.9**	**-1259.2**	**-1416.0**	**-1635.6**	**-2037.7**	**-43.6**	**-75.8**	**-122.0**	**-180.6**	**-234.4**	**-246.2**	**-237.0**

SOURCE: U.S. Department of Agriculture, Cotton and Wool Outlook & Situation.

a. Includes sliver, tops, roving, plied (textured and other), spun yarn, sewing thread and handwork yarns. Imports of man-made fiber yarn singles (textured and other) are not included here; rather they are included in Column 13 page 52 of the March 1988 Textile Organon.

Man-made fiber yarn exports do not include substantial quantities of indirect exports. Indirect exports are shipments which are billed to a domestic customer by a yarn producer but which are ultimately exported by the customer. Indirect export data are available for the years 1983-1987 ; the corresponding quantities for each year are, respectively (in millions of pounds): 87.0, 108.8, 162.0, 95.5 & 89.2.

b. Includes broad & narrow woven fabrics and knit cloth, except that cotton narrow fabrics and wool knit fabrics are included in All Other.

c. Includes lace & lace articles, veils & veilings and nets & nettings.

d. The man-made fiber data are tire cord & tire cord fabric.

e. Includes carpets & rugs. Lace window curtains are in All Other.

f. Includes such products as lace & lace articles, lace window curtains, braids, tassels, polishing & dustcloths, etc. Wool includes knit fabric in the piece, but not lace & lace articles, which are in Wearing Apparel. For 1983-1986, man-made fiber and cotton include imports of soft-sided luggage. For those years the quantities were respectively, (in millions of pounds): 180.5, 228.0, 157.4 & 169.3 for man-made fiber and 14.1, 18.7, 8.2 & 30.1 for cotton. Data for 1987 are not available.

g. Includes such products as lace & lace articles, polishing & dustcloths, braids, tassels, etc. Cotton also includes narrow fabric and wool includes knit fabrics.

NOTE: In the case of blended or mixed fiber products, the quantities of each of the component fibers have been estimated and included in the proper category, e.g., in a polyester and cotton fabric, the polyester portion is tabulated with man-made fiber and the cotton portion with cotton. A waste factor has been included to bring the data to the equivalent raw fiber consumption.

TABLE 3:
RAW FIBER EQUIVALENT OF IMPORTS, EXPORTS & BALANCE OF MAN-MADE FIBER MANUFACTURES
MILLION POUNDS

COMMODITY	1987 Revised												YEAR TO DATE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1987	1986
IMPORTS														
SEMIMANUFACTURED PRODUCTS														
YARN, THREAD, ETC.[a]	6.4	7.6	7.1	8.4	8.8	9.6	8.7	7.3	7.7	8.0	6.4	5.9	91.9	96.3
CLOTH[b]	15.7	17.0	17.9	18.3	20.5	19.4	20.0	19.9	14.0	16.6	15.5	16.9	211.7	245.0
SUBTOTAL	**22.1**	**24.6**	**25.0**	**26.7**	**29.3**	**29.0**	**28.7**	**27.2**	**21.7**	**24.6**	**21.9**	**22.8**	**303.6**	**341.3**
MANUFACTURED PRODUCTS														
WEARING APPAREL	81.7	86.6	75.5	80.9	91.8	104.6	116.7	103.9	85.4	82.7	59.6	64.2	1033.6	929.7
INDUSTRIAL[c]	0.4	0.2	0.3	0.3	0.4	0.6	0.7	0.5	0.4	0.6	0.5	0.7	5.6	2.7
HOME FURNISHINGS[d] / ALL OTHER[e]	32.5	38.5	36.9	40.3	40.5	44.0	44.6	42.5	38.1	39.8	32.0	32.9	462.6	429.2
SUBTOTAL	**114.6**	**125.3**	**112.7**	**121.5**	**132.7**	**149.2**	**162.0**	**146.9**	**123.9**	**123.1**	**92.1**	**97.8**	**1501.8**	**1361.6**
TOTAL IMPORTS	**136.7**	**149.9**	**137.7**	**148.2**	**162.0**	**178.2**	**190.7**	**174.1**	**145.6**	**147.7**	**114.0**	**120.6**	**1805.4**	**1702.9**
EXPORTS														
SEMIMANUFACTURED PRODUCTS														
YARN, THREAD, ETC.[a]	2.9	3.6	4.3	4.5	5.6	4.1	3.8	3.8	4.7	4.9	6.1	5.6	53.9	47.9
CLOTH[b]	11.9	16.2	18.9	20.0	18.1	19.4	13.4	18.8	18.6	17.8	18.6	18.2	209.9	184.2
SUBTOTAL	**14.8**	**19.8**	**23.2**	**24.5**	**23.7**	**23.5**	**17.2**	**22.6**	**23.3**	**22.7**	**24.7**	**23.8**	**263.8**	**232.1**
MANUFACTURED PRODUCTS														
WEARING APPAREL	5.8	6.8	7.1	7.8	6.7	6.6	6.8	6.3	7.3	7.5	7.4	6.4	82.5	74.9
INDUSTRIAL[c]	5.6	3.8	4.2	4.5	5.7	4.6	4.1	3.7	5.2	4.9	3.1	4.4	53.8	46.3
HOME FURNISHINGS[d]	5.8	7.1	9.4	10.1	8.0	9.8	7.4	8.0	8.9	8.0	9.0	9.5	101.0	86.8
ALL OTHER[e]	6.0	7.4	7.7	7.3	8.6	7.7	7.1	7.6	7.9	8.2	8.3	7.0	90.8	79.1
SUBTOTAL	**23.2**	**25.1**	**28.4**	**29.7**	**29.0**	**28.7**	**25.4**	**25.6**	**29.3**	**28.6**	**27.8**	**27.3**	**328.1**	**287.1**
TOTAL EXPORTS	**38.0**	**44.9**	**51.6**	**54.2**	**52.7**	**52.2**	**42.6**	**48.2**	**52.6**	**51.3**	**52.5**	**51.1**	**591.9**	**519.2**
BALANCE														
SEMIMANUFACTURED PRODUCTS														
YARN, THREAD, ETC.[a]	3.5 I	4.0 I	2.8 I	3.9 I	3.2 I	5.5 I	4.9 I	3.5 I	3.0 I	3.1 I	0.3 I	0.3 I	38.0 I	48.4 I
CLOTH[b]	3.8 I	0.8 I	1.0 E	1.7 E	2.4 I	0	6.6 I	1.1 I	4.6 E	1.2 E	3.1 E	1.3 E	1.8 I	60.8 I
SUBTOTAL	**7.3 I**	**4.8 I**	**1.8 I**	**2.2 I**	**5.6 I**	**5.5 I**	**11.5 I**	**4.6 I**	**1.6 E**	**1.9 I**	**2.8 E**	**1.0 E**	**39.8 I**	**109.2 I**
MANUFACTURED PRODUCTS														
WEARING APPAREL	75.9 I	79.8 I	68.4 I	73.1 I	85.1 I	98.0 I	109.9 I	97.6 I	78.1 I	75.2 I	52.2 I	57.8 I	951.1 I	854.8 I
INDUSTRIAL[c]	5.2 E	3.6 E	3.9 E	4.2 E	2.5 E	3.4 E	2.5 E	3.2 E	4.8 E	4.3 E	2.6 E	3.7 E	48.2 E	43.6 E
HOME FURNISHINGS[d] / ALL OTHER[f]	20.7 I	24.0 I	19.8 I	22.9 I	23.9 I	26.5 I	30.1 I	26.9 I	21.3 I	23.6 I	14.7 I	16.4 I	270.8 I	263.3 I
SUBTOTAL	**91.4 I**	**100.2 I**	**84.3 I**	**91.8 I**	**103.7 I**	**120.5 I**	**136.6 I**	**121.3 I**	**94.6 I**	**94.5 I**	**64.3 I**	**70.5 I**	**1173.7 I**	**1074.5 I**
TOTAL BALANCE	**98.7 I**	**105.0 I**	**86.1 I**	**94.0 I**	**109.3 I**	**126.0 I**	**148.1 I**	**125.9 I**	**93.0 I**	**96.4 I**	**61.5 I**	**69.5 I**	**1213.5 I**	**1183.7 I**

SOURCE: U.S. Department of Agriculture, Cotton and Wool Outlook & Situation.

a. Includes sliver, tops, roving, plied (textured and other), and spun yarn, sewing thread and handwork yarns. Yarn singles (textured and other) are not included here; rather they are included in Column 13 page 52 of the March 1988 ***Textile Organon.***

Man-made fiber yarn exports do not include substantial quantities of indirect exports. Indirect exports are shipments which are billed to a domestic customer by a yarn producer but which are ultimately exported by the customer. Indirect export data are available for the years 1983-1987; the corresponding quantities for each year are, respectively (in millions of pounds): 87.0, 108.8, 162.0, 95.5 & 89.2.

b. Includes broad & narrow woven fabrics and knit cloth.

c. The man-made fiber data are tire cord & tire cord fabric.

d. Includes carpets & rugs. Lace window curtains are in All Other.

e. Includes such products as lace & lace articles, lace window curtains, braids, tassels, polishing & dustcloths, etc.

f. Includes such products as lace & lace articles, polishing & dustcloths, braids, tassels, etc.

NOTE: In the case of blended or mixed fiber products, the quantities of each of the component fibers have been estimated and included in the proper category, e.g., in a polyester and cotton fabric, the polyester portion is tabulated with man-made fiber and the cotton portion with cotton. A waste factor has been included to bring the data to the equivalent raw fiber consumption.

TABLE 4:
RAW FIBER EQUIVALENT OF IMPORTS, EXPORTS & BALANCE OF COTTON MANUFACTURES

MILLION POUNDS

COMMODITY	1987 Revised												YEAR TO DATE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1987	1986
IMPORTS														
SEMIMANUFACTURED PRODUCTS														
YARN, THREAD, ETC.[a]	10.3	11.1	8.2	7.4	6.4	9.1	11.7	11.7	13.5	15.5	16.2	13.4	134.5	105.9
CLOTH[b]	47.6	57.4	57.7	50.5	51.2	59.0	57.7	56.3	49.9	55.9	54.1	52.6	649.9	532.9
SUBTOTAL	**57.9**	**68.5**	**65.9**	**57.9**	**57.6**	**68.1**	**69.4**	**68.0**	**63.4**	**71.4**	**70.3**	**66.0**	**784.4**	**638.8**
MANUFACTURED PRODUCTS														
WEARING APPAREL	108.6	118.3	105.5	97.0	100.7	115.9	125.2	115.7	95.3	102.1	86.4	94.9	1265.6	1016.0
INDUSTRIAL	7.3	6.5	5.3	4.6	3.4	4.2	3.2	3.3	3.1	3.0	4.3	5.0	53.2	46.4
HOME FURNISHINGS[c]	16.0	16.0	17.4	16.0	15.4	16.7	17.6	18.3	16.7	17.5	18.5	19.1	205.2	182.9
ALL OTHER[d]	2.0	2.3	2.7	2.3	2.2	2.1	2.4	2.5	2.3	2.0	2.4	2.1	27.3	26.4
SUBTOTAL	**133.9**	**143.1**	**130.9**	**119.9**	**121.7**	**138.9**	**148.4**	**139.8**	**117.4**	**124.6**	**111.6**	**121.1**	**1551.3**	**1271.7**
TOTAL IMPORTS	**191.8**	**211.6**	**196.8**	**177.8**	**179.3**	**207.0**	**217.8**	**207.8**	**180.8**	**196.0**	**181.9**	**187.1**	**2335.7**	**1910.5**
EXPORTS														
SEMIMANUFACTURED PRODUCTS														
YARN, THREAD, ETC.[a]	1.5	1.3	1.5	1.1	1.0	2.6	2.1	2.4	2.2	1.4	1.2	1.3	19.6	16.6
CLOTH[b]	8.4	12.2	10.8	9.5	9.0	8.1	7.1	8.8	7.5	8.7	8.8	8.4	107.3	126.4
SUBTOTAL	**9.9**	**13.5**	**12.3**	**10.6**	**10.0**	**10.7**	**9.2**	**11.2**	**9.7**	**10.1**	**10.0**	**9.7**	**126.9**	**143.0**
MANUFACTURED PRODUCTS														
WEARING APPAREL	6.0	8.5	9.4	9.3	9.4	8.7	9.5	8.5	9.7	9.9	10.1	9.4	108.4	73.9
INDUSTRIAL	1.2	1.8	1.8	1.8	1.7	2.3	1.7	1.7	1.8	2.4	1.8	1.7	21.7	21.0
HOME FURNISHINGS[c]	2.4	2.5	2.9	3.0	3.4	3.3	4.9	3.2	3.2	3.3	3.9	4.1	40.1	36.4
ALL OTHER[d]	+	0.1	0.1	+	0.1	0.1	0.1	+	0.1	0.1	0.1	0.1	0.9	0.6
SUBTOTAL	**9.6**	**12.9**	**14.2**	**14.1**	**14.6**	**14.4**	**16.2**	**13.4**	**14.8**	**15.7**	**15.9**	**15.3**	**171.1**	**131.9**
TOTAL EXPORTS	**19.5**	**26.4**	**26.5**	**24.7**	**24.6**	**25.1**	**25.4**	**24.6**	**24.5**	**25.8**	**25.9**	**25.0**	**298.0**	**274.9**
BALANCE														
SEMIMANUFACTURED PRODUCTS														
YARN, THREAD, ETC.	8.8	9.8	6.7	6.3	5.4	6.5	9.6	9.3	11.3	14.1	15.0	12.1	114.9	89.3
CLOTH	39.2	45.2	46.9	41.0	42.2	50.9	50.6	47.5	42.4	47.2	45.3	44.2	542.6	406.5
SUBTOTAL	**48.0**	**55.0**	**53.6**	**47.3**	**47.6**	**57.4**	**60.2**	**56.8**	**53.7**	**61.3**	**60.3**	**56.3**	**657.5**	**495.8**
MANUFACTURED PRODUCTS														
WEARING APPAREL	102.6	109.8	96.1	87.7	91.3	107.2	115.7	107.2	85.6	92.2	76.3	85.5	1157.2	942.1
INDUSTRIAL	6.1	4.7	3.5	2.8	1.7	1.9	1.5	1.6	1.3	0.6	2.5	3.3	31.5	25.4
HOME FURNISHINGS	13.6	13.5	14.5	13.0	12.0	13.4	12.7	15.1	13.5	14.2	14.6	15.0	165.1	146.5
ALL OTHER	2.0	2.2	2.6	2.3	2.1	2.0	2.3	2.5	2.2	1.9	2.3	2.0	26.4	25.8
SUBTOTAL	**124.3**	**130.2**	**116.7**	**105.8**	**107.1**	**124.5**	**132.2**	**126.4**	**102.6**	**108.9**	**95.7**	**105.8**	**1380.2**	**1139.8**
TOTAL BALANCE	**172.3**	**185.2**	**170.3**	**153.1**	**154.7**	**181.9**	**192.4**	**183.2**	**156.3**	**170.2**	**156.0**	**162.1**	**2037.7**	**1635.6**

SOURCE: U.S. Department of Agriculture, Cotton and Wool Outlook & Situation.

a. Includes sliver, tops, roving, plied (textured and other), spun yarn, sewing thread and handwork yarns. Yarn singles (textured and other) are not included here.

b. Includes broad & narrow woven fabrics and knit cloth. Cotton narrow fabrics are included in All Other.

c. Includes carpets and rugs, bed sheets, towels, tablecloths, etc. Lace window curtains are in All Other.

d. Includes such products as lace & lace articles, lace window curtains, braids, tassels, polishing & dustcloths, etc.

NOTE: In the case of blended or mixed fiber products, the quantities of each of the component fibers have been estimated and included in the proper category, e.g., in polyester and cotton fabric, the polyester portion is tabulated with man-made fiber and the cotton portion with cotton. A waste factor has been included to bring the data to the equivalent raw fiber consumption.

TABLE 5:
RAW FIBER EQUIVALENT OF IMPORTS, EXPORTS & BALANCE OF WOOL MANUFACTURES
MILLION POUNDS

COMMODITY	1987 Revised												YEAR TO DATE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1987	1986
IMPORTS														
SEMIMANUFACTURED PRODUCTS														
YARN, THREAD, ETC.[a]	0.8	1.4	1.3	1.5	1.8	1.3	1.7	0.9	0.9	0.9	1.0	1.1	14.6	13.7
CLOTH[b]	2.0	2.7	3.1	3.3	3.8	3.1	2.9	2.0	1.5	1.7	1.5	1.9	29.5	25.9
SUBTOTAL	**2.8**	**4.1**	**4.4**	**4.8**	**5.6**	**4.4**	**4.6**	**2.9**	**2.4**	**2.6**	**2.5**	**3.0**	**44.1**	**39.6**
MANUFACTURED PRODUCTS														
WEARING APPAREL[c]	8.4	7.1	7.0	9.1	13.9	19.5	24.0	23.4	17.5	14.7	7.9	6.4	158.9	155.6
INDUSTRIAL	NOMINAL QUANTITIES INCLUDED IN ALL OTHER													
HOME FURNISHINGS[d]	4.3	4.4	5.5	4.3	4.6	4.6	4.3	3.8	3.8	5.0	4.1	4.4	53.1	62.9
ALL OTHER[e]	0.1	0.1	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.1	0.2	0.2	2.2	2.4
SUBTOTAL	**12.8**	**11.6**	**12.7**	**13.6**	**18.8**	**24.3**	**28.5**	**27.4**	**21.5**	**19.8**	**12.2**	**11.0**	**214.2**	**220.9**
TOTAL IMPORTS	**15.6**	**15.7**	**17.1**	**18.4**	**24.4**	**28.7**	**33.1**	**30.3**	**23.9**	**22.4**	**14.7**	**14.0**	**258.3**	**260.5**
EXPORTS														
SEMIMANUFACTURED PRODUCTS														
YARN, THREAD, ETC.[a]	0.7	0.9	0.9	0.9	1.2	1.3	1.2	1.6	0.6	0.9	1.3	1.2	12.7	6.3
CLOTH[b]	0.1	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	2.2	2.2
SUBTOTAL	**0.8**	**1.2**	**1.1**	**1.1**	**1.4**	**1.5**	**1.4**	**1.8**	**0.8**	**1.1**	**1.4**	**1.3**	**14.9**	**8.5**
MANUFACTURED PRODUCTS														
WEARING APPAREL	0.2	0.1	0.2	0.2	0.3	0.3	0.3	0.5	0.3	0.6	0.6	0.6	4.2	3.8
INDUSTRIAL	NOMINAL QUANTITIES INCLUDED IN ALL OTHER													
HOME FURNISHINGS[d]	+	+	+	+	0.1	+	+	+	+	+	+	0.1	0.2	0.2
ALL OTHER[f]	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.3	0.2	0.2	2.0	1.8
SUBTOTAL	**0.3**	**0.2**	**0.4**	**0.4**	**0.6**	**0.4**	**0.4**	**0.6**	**0.5**	**0.9**	**0.8**	**0.9**	**6.4**	**5.8**
TOTAL EXPORTS	**1.1**	**1.4**	**1.5**	**1.5**	**2.0**	**1.9**	**1.8**	**2.4**	**1.3**	**2.0**	**2.2**	**2.2**	**21.3**	**14.3**
BALANCE														
SEMIMANUFACTURED PRODUCTS														
YARN, THREAD, ETC.	0.1 I	0.5 I	0.4 I	0.6 I	0.6 I	0	0.5 I	0.7 E	0.3 I	0	0.3 E	0.1 E	1.9 I	7.4 I
CLOTH	1.9 I	2.4 I	2.9 I	3.1 I	3.6 I	2.9 I	2.7 I	1.8 I	1.2 I	1.5 I	1.4 I	1.8 I	27.3 I	23.7 I
SUBTOTAL	**2.0 I**	**2.9 I**	**3.3 I**	**3.7 I**	**4.2 I**	**2.9 I**	**3.2 I**	**1.1 I**	**1.6 I**	**1.5 I**	**1.1 I**	**1.7 I**	**29. 2 I**	**31.1 I**
MANUFACTURED PRODUCTS														
WEARING APPAREL	8.2 I	7.0 I	6.8 I	8.9 I	13.6 I	19.2 I	23.7 I	22.9 I	17.2 I	14.1 I	7.3 I	5.8 I	154.7 I	151.8 I
INDUSTRIAL	NOMINAL QUANTITIES INCLUDED IN ALL OTHER													
HOME FURNISHINGS	4.3 I	4.4 I	5.5 I	4.3 I	4.5 I	4.6 I	4.3 I	3.8 I	3.8 I	5.0 I	4.1 I	4.3 I	52.9 I	62.7 I
ALL OTHER	0	0	0	0	0.1 I	0.1 I	0.1 I	0.1 I	0	0.2 E	0	0	0.2 I	0.6 I
SUBTOTAL	**12.5 I**	**11.4 I**	**12.3 I**	**13.2 I**	**18.2 I**	**23.9 I**	**28.1 I**	**26.8 I**	**21.0 I**	**18.9 I**	**11.4 I**	**10.1 I**	**207.8 I**	**215.1 I**
TOTAL BALANCE	**14.5 I**	**14.3 I**	**15.6 I**	**16.9 I**	**22.4 I**	**26.8 I**	**31.3 I**	**27.9 I**	**22.6 I**	**20.4 I**	**12.5 I**	**11.8 I**	**237.0 I**	**246.2 I**

SOURCE: U.S. Department of Agriculture, Cotton and Wool Outlook & Situation.

a. Includes sliver, tops, roving, plied (textured and other), spun yarn, sewing thread and handwork yarns. Yarn singles (textured and other) are not included here.

b. Includes broad & narrow woven fabrics. Wool knit fabrics are included in All Other.

c. Includes lace & lace articles, veils & veilings and nets & nettings.

d. Includes carpets and rugs.

e. Includes knit fabric in the piece, but not lace & lace articles, which are in Wearing Apparel.

f. Includes such products as braids, tassels, felts and knit fabrics.

NOTE: In the case of blended or mixed fiber products, the quantities of each of the component fibers have been estimated and included in the proper category. A waste factor has been included to bring the data to the equivalent raw fiber consumption.

TABLE 6:
U.S. PRODUCTION OF HOSIERY, 1978 -1987
MILLION DOZEN PAIRS

ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
WOMEN'S										
PANTYHOSE - SHEER	44.6	55.3	57.3	59.6	58.5	64.0	67.1	57.9	57.3	53.7
- ELASTOMER	27.7	33.2	36.7	39.0	43.2	47.6	39.4	49.0	52.0	56.0
- OTHER[a]	1.6	2.4	2.0	2.4	3.4	5.0	7.4	7.3	8.8	10.2
SUBTOTAL PANTYHOSE	**73.9**	**90.9**	**96.0**	**101.0**	**105.1**	**116.6**	**113.9**	**114.2**	**118.1**	**119.9**
STOCKINGS - NONSTRETCH	2.6	2.4	2.0	1.8	1.5	1.5	1.3	1.2	1.3	1.6
- STRETCH	2.8	2.7	2.4	2.1	2.4	2.7	2.5	2.2	1.8	2.2
- SUPPORT	1.0	0.7	0.7	0.6	0.5	0.6	0.4	0.4	0.3	0.4
- OTHER	0.1	0.2	0.1	0.1	0.1	+	+	0.1	0.1	+
SUBTOTAL STOCKINGS	**6.5**	**6.0**	**5.2**	**4.6**	**4.5**	**4.8**	**4.2**	**3.9**	**3.5**	**4.2**
SHEER KNEE-HIGHS & ANKLETS	30.5	44.8	38.4	42.6	38.1	40.3	44.0	42.2	45.3	42.8
TOTAL WOMEN'S	**110.9**	**141.7**	**139.6**	**148.2**	**147.7**	**161.7**	**162.1**	**160.3**	**166.9**	**166.9**
MEN'S (sizes 10 and up)										
ANKLETS & FOOTSOCKS	51.7	43.7	27.9	27.8	27.1	27.2	26.8	26.0	26.6	26.9
MID-CALF	11.3	12.5	17.4	19.9	17.3	17.8	17.7	17.6	19.6	18.9
KNEE-HIGHS	13.4	16.0	17.8	20.7	17.6	21.5	23.9	23.8	21.5	18.4
TOTAL MEN'S	**76.4**	**72.2**	**63.1**	**68.4**	**62.0**	**66.5**	**68.4**	**67.4**	**67.7**	**64.2**
GIRLS', BOYS' & WOMEN'S (sizes 8 -11)										
ANKLETS	18.5	19.6	12.5	14.6	11.9	17.3	19.5	19.4	27.4	29.1
KNEE-HIGHS	20.6	22.1	24.3	29.8	23.4	25.7	20.2	17.0	13.7	11.4
MID-CALF/CREW }	NA	NA	3.1	4.5	4.0	4.9	4.5	6.2	8.2	12.1
WAIST-HIGHS			0.3	0.5	0.5	0.5	0.5	0.6	0.5	0.7
FOOTSOCKS	7.6	6.7	8.6	9.4	6.5	5.8	5.2	6.1	6.4	5.9
TOTAL GIRLS', BOYS' & WOMEN'S	**46.7**	**48.4**	**48.8**	**58.8**	**46.3**	**54.2**	**49.9**	**49.3**	**56.2**	**59.2**
INFANTS' & CHILDREN'S (SIZES 3-8 1/2)										
ANKLETS	22.1	22.1	19.3	20.5	16.1	16.5	15.5	14.2	16.6	16.9
KNEE-HIGHS	6.4	8.5	6.6	7.7	6.7	7.0	5.8	4.6	3.5	3.2
MID-CALF	NA	NA	1.3	1.2	1.4	1.4	3.6	5.7	6.7	7.9
WAIST-HIGHS & FOOTSOCKS	1.3	1.6	1.6	1.8	1.6	2.1	2.3	1.8	1.6	1.5
TOTAL INFANTS' & CHILDREN'S	**29.8**	**32.2**	**28.8**	**31.2**	**25.8**	**27.0**	**27.2**	**26.3**	**28.4**	**29.6**
TOTAL HOSIERY	**263.8**	**294.5**	**280.3**	**306.6**	**281.8**	**309.4**	**307.6**	**303.3**	**319.2**	**319.9**

SOURCE: National Association of Hosiery Manufactures - ***1987 Hosiery Statistics.***

\+ Less than 100 thousand dozen pairs.

a. Includes opaque hosiery, which is defined as hosiery knit on 370 needles or more, using leg yarn 30 denier or coarser.

TABLE 7:
SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN
THOUSAND POUNDS

ITEMS & COUNTRY	1988 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1988	1987
CELLULOSIC YARN, MONOFIL & STRIPS														
AUSTRIA	0	0	0	0	0	0							0	244
BRAZIL	54	0	28	55	28	13							178	285
CANADA	426	481	507	292	592	827							3125	1646
GERMANY, FED. REP.	353	635	281	227	388	313							2197	2279
JAPAN	277	131	45	121	62	63							699	341
MEXICO	62	53	18	81	70	68							352	176
NETHERLANDS	190	229	228	289	142	104							1182	474
ALL OTHER COUNTRIES [a]	11	1	21	67	44	178							322	33
TOTAL CELLULOSIC YARN	**1373**	**1530**	**1128**	**1132**	**1326**	**1566**							**8055**	**5478**
CELLULOSIC STAPLE+TOW														
CANADA	1086	774	974	797	1355	1551							6537	6549
ITALY	34	73	19	0	33	0							159	294
JAPAN	99	0	91	46	37	68							341	572
SWEDEN	0	41	45	0	20	0							106	219
UNITED KINGDOM	57	0	79	54	0	24							214	189
ALL OTHER COUNTRIES [b]	28	0	10	51	43	+							132	110
TOTAL CELLULOSIC STAPLE+TOW	**1304**	**888**	**1218**	**948**	**1488**	**1643**							**7489**	**7933**
NONCELLULOSIC YARN, MONOFIL & STRIPS														
BELGIUM	1436	1117	1665	394	172	530							5814	5406
CANADA	1448	1872	2220	2156	2451	1677							11824	9100
CHINA, PRC	0	10	1	0	0	0							11	391
COSTA RICA	606	570	654	533	514	523							3400	3629
DENMARK	0	0	0	0	61	30							91	155
FRANCE	767	588	716	338	272	712							3393	3662
GERMANY, FED. REP.	1074	1355	1968	1078	1495	1146							8116	12022
IRELAND	37	34	74	114	150	78							487	324
ISRAEL	388	309	123	304	182	254							1560	1152
ITALY	761	811	177	1678	942	412							4781	6539
JAPAN	648	212	729	277	282	338							2486	3966
KOREA, REP. OF	3	23	33	63	0	40							162	189
MEXICO	1428	2004	1547	978	1622	1660							9239	10201
NETHERLANDS	49	42	26	31	57	4							209	650
SINGAPORE	81	41	44	19	34	35							254	227
SWITZERLAND	32	0	5	11	3	2							53	331
TAIWAN	12	26	12	53	69	34							206	312
UNITED KINGDOM	676	753	220	632	917	751							3949	4222
ALL OTHER COUNTRIES [c]	172	234	201	406	342	782							2137	690
TOTAL NONCELLULOSIC YARN	**9618**	**10001**	**10415**	**9565**	**9565**	**9008**							**58172**	**63168**
NONCELLULOSIC STAPLE+TOW														
AUSTRIA	601	727	752	1321	296	481							4178	736
BELGIUM	35	0	18	18	634	0							705	147
BRAZIL	0	0	0	499	0	0							499	1612
CANADA	2003	2183	2981	2221	2797	1824							14009	16388
FRANCE	934	799	800	957	1257	934							5681	4373
GERMANY, FED. REP.	2738	3040	2503	2478	3319	2475							16553	13319
IRELAND	80	123	162	325	406	240							1336	453
ISRAEL	8	0	0	56	0	1							65	420
ITALY	130	362	145	241	5	37							920	8660
JAPAN	1963	2057	1894	2166	1912	3095							13087	12100
KOREA, REP. OF	1355	1516	1456	1580	1295	1604							8806	5354
MALAYSIA	0	95	48	48	0	95							286	420
MEXICO	303	549	210	502	985	1043							3592	8809
ROMANIA	448	0	86	664	230	893							2321	2373
SWITZERLAND	102	21	153	189	123	122							710	597
TAIWAN	1986	1109	1425	1112	1024	1384							8040	11376
UNITED KINGDOM	1604	1503	2175	1920	1777	1745							10724	7510
ALL OTHER COUNTRIES [d]	52	30	48	48	2591	2761							5530	354
TOTAL NONCELLULOSIC STAPLE+TOW	**14342**	**14114**	**14856**	**16345**	**18651**	**18734**							**97042**	**95001**

+ Less than 1 thousand pounds.

a. Singapore 97, France 64, United Kingdom 55, Korea, Rep. of 51, Morocco 46, Italy 7, Taiwan 2.

b. France 61, Austria 41, Australia 25, Germany, Fed. Rep. 2, Mexico 2, Belgium 1.

c. Romania 911, Brazil 484, Spain 210, Chile 157, Sweden 102, Argentina 83, Australia 71, Norway 65, Turkey 34, Austria 16, Hong Kong 3, Vatican City 1, Egypt, Greece, India.

d. India 4625, Australia 786, Netherlands 40, Hong Kong 29, Finland 17, Ireland 16, Spain 8, China, PRC 5, Egypt 3, Portugal 1, Philippines.

TABLE 8:
U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION
THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/87	1988 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1988	1987
CELLULOSIC FIBER															
YARN - SINGLES															
TEXTURED	310.0106 & .0206	0	+	0	64	18	16							98	290
OTHER	310.0130 & .0230[a]	1362	1468	1021	995	1210	1412							7468	5155
MONOFILAMENTS	309.0310 & .0610	0	+	0	1	1	0							2	5
STRIPS, $1/LB & UNDER	309.2000*	11	62	107	72	97	138							487	28
SUBTOTAL ABOVE		**1373**	**1530**	**1128**	**1132**	**1326**	**1566**							**8055**	**5478**
STAPLE	309.4320 & .4325	1182	888	1107	934	1354	1492							6957	7643
GROUPED FILAMENTS	309.3010 & .3310	122	0	111	14	134	151							532	290
SUBTOTAL ABOVE		**1304**	**888**	**1218**	**948**	**1488**	**1643**							**7489**	**7933**
WASTE, ADVANCED&NOT ADVANCED	309.6615 & .7510	0	+	0	0	0	0							+	28
NONCELLULOSIC FIBER															
YARN - SINGLES															
TEXTURED - NYLON															
LESS THAN 450 DENIER	310.0107 & .0207	341	297	204	271	150	176							1439	838
450 DENIER AND OVER	310.0108 & .0208	1503	1643	1531	2018	1472	1080							9247	15307
- POLYESTER	310.0110 & .0210	989	1368	1024	881	1327	1749							7338	7978
- OTHER	310.0114 & .0214	2158	1830	2815	1920	1882	1811							12416	10234
OTHER - NYLON	310.0149 & .0249	1154	1567	1602	1249	1672	1267							8511	12216
- POLYESTER	310.0150 & .0250	2153	1631	1734	1657	1707	1719							10601	10367
- OTHER	310.0170 & .0270[b]	762	1085	876	922	469	453							4567	3292
MONOFILAMENTS	309.0200 & .0330 [c]	381	384	307	374	454	483							2383	1732
STRIPS, OVER $1/LB	309.2100 & .2500*	177	196	322	273	432	270							1670	1204
SUBTOTAL ABOVE		**9618**	**10001**	**10415**	**9565**	**9565**	**9008**							**58172**	**63168**
STAPLE - NYLON	309.4331 & .4351	1696	1306	1915	2115	1707	1284							10023	23504
- POLYESTER	309.4336 & .4361	4653	5670	4716	4932	7498	8268							35737	32896
- ACRYLIC	309.4366	1214	953	1179	1399	1647	1377							7769	7339
- OLEFIN	309.4371	83	104	534	498	165	174							1558	284
- OTHER	309.4341 & .4390	1350	1625	1750	2008	969	1907							9609	6112
GROUPED FILAMENTS															
NYLON	309.3030 & .3200	3713	2877	3289	3284	4091	3619							20873	15486
POLYESTER	309.3040 & .3340	441	215	65	421	305	376							1823	1875
ACRYLIC	309.3050 & .3350	1086	1331	1249	1664	1631	1698							8659	6487
OTHER	309.3065 & .3365	106	33	159	24	638	31							991	1018
SUBTOTAL ABOVE		**14342**	**14114**	**14856**	**16345**	**18651**	**18734**							**97042**	**95001**
WASTE, NOT ADVANCED															
- NYLON	309.6625	2940	1991	1933	1842	2391	2267							13364	13773
- POLYESTER	309.6630	550	487	1073	637	470	1233							4450	5802
- ACRYLIC	309.6645	0	0	21	110	0	2							133	132
- OTHER	309.6660	221	273	392	157	271	260							1574	2957
NOILS & GARNETTED FIBERS	309.7000*	80	0	0	33	0	0							113	31
OTHER WASTE, ADVANCED	309.7525 - .7555	596	596	637	323	366	280							2798	2159
SUBTOTAL ABOVE		**4387**	**3347**	**4056**	**3102**	**3498**	**4042**							**22432**	**24854**
TOTAL MAN-MADE ABOVE		**31024**	**29880**	**31673**	**31092**	**34528**	**34993**							**193190**	**196462**
OTHER MAN-MADE FIBER TOPS, YARN & THREAD															
YARN - PLIED															
TEXTURED - CELLULOSIC	310.1506	0	0	+	0	0	0							+	+
- NONCELLULOSIC	310.1015[d]& .1205[e]	340	110	184	216	276	176							1302	2326
OTHER - CELLULOSIC	310.1030 & .1535 [f]	15	21	5	34	19	22							116	304
- NONCELLULOSIC	310.1050 & .1070[g]	276	262	305	289	338	303							1773	1637
SPUN YARN - CELLULOSIC	310.4005 & .4030[h]	62	95	137	23	94	74							485	765
- OTHER	310.4015 & .4027 [i]	2503	1471	1826	1155	2219	2781							11955	21396
OTHER YARNS - NES, INCL. CHENILLE	310.6034 - .8000	2122	1933	1143	1956	1629	1099							9882	11534
HANDWORK YARNS & SEWING THREAD	310.9000 & .9310 [j]	607	197	1714	585	661	789							4553	4524
SLIVER, TOPS & ROVING	309.9000	271	287	351	530	234	181							1854	3156
GLASS FIBER	309.2800 & .2900[k]	2526	2716	404	2483	2271	2344							12744	10562
GRAND TOTAL ABOVE		**39746**	**36972**	**37742**	**38363**	**42269**	**42762**							**237854**	**252666**

SOURCE: U.S. Census Bureau Report IM145X.

NES Not elsewhere specified.

\+ Less than 1 thousand pounds.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Separation of cellulosic and noncellulosic quantities are estimated, based primarily on average declared value.

a. Also includes 310.0610.

b. Also includes 310.0530, .0550, .0630 & .0650.

c. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.

d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

e. Also includes 310.1210.

f. Also includes 310.2110.

g. Also includes 310.1510, .1514, .1550, 1555, .1570, .2050, .2130 & .2150.

h. Also includes 310.5005 & .5030.

i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

j. Also includes 310.9320 & .9500.

k. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 9:
U.S. EXPORTS OF MAN-MADE FIBER
THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/87	1988 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1988	1987
CELLULOSIC FIBER															
FILAMENT YARN [a]															
TEXTURED	310.0004	27	2	6	31	61	5							132	297
OTHER [b]	310.0026	683	991	556	1220	1231	1269							5950	2907
MONOFILAMENTS	309.0110	89	36	5	36	9	45							220	2
STRIPS	309.2210	0	23	0	0	10	2							35	57
SUBTOTAL ABOVE		**799**	**1052**	**567**	**1287**	**1311**	**1321**							**6337**	**3263**
STAPLE+TOW-RAYON	309.4222	1019	1907	1702	1468	2682	2250							11028	16756
STAPLE-ACETATE	309.4219	89	66	309	329	146	97							1036	792
SUBTOTAL ABOVE		**1108**	**1973**	**2011**	**1797**	**2828**	**2347**							**12064**	**17548**
WASTE, ADVANCED&NOT ADVANCED	309.7400	**143**	**251**	**198**	**86**	**263**	**42**							**983**	**668**
NONCELLULOSIC FIBER															
YARN - SINGLES															
NYLON - TEXTURED	310.0005 & .0007	3651	4775	4929	3355	4209	4685							25604	16001
- HIGH TENACITY [c]	310.0027	8372	8470	8040	6580	6438	6533							44433	38262
- OTHER	310.0029	786	1111	2189	1186	1068	819							7159	4615
POLYESTER - TEXTURED	310.0010	1739	2796	3405	2979	3311	2690							16920	14780
- HIGH TENACITY [c]	310.0032	1421	1817	2189	2281	2706	2059							12473	11479
- OTHER [d]	310.0034	207	225	265	284	135	68							1184	982
OTHER - TEXTURED	310.0014	1067	1904	2220	1725	2118	1459							10493	8475
- OLEFIN	310.0040	83	626	121	143	161	160							1294	305
- OTHER	310.0044	360	729	886	802	688	699							4164	3550
MONOFILAMENTS, ALL DENIERS															
NYLON	309.0120	658	728	515	983	523	623							4030	3390
POLYESTER	309.0140	1641	1789	2345	1784	1871	1713							11143	4545
OTHER	309.0170	680	901	768	769	847	603							4568	3699
STRIPS	309.2220 & .2270	415	192	277	442	454	394							2174	2392
SUBTOTAL ABOVE		**21080**	**26063**	**28149**	**23313**	**24529**	**22505**							**145639**	**112475**
STAPLE - NYLON	309.4240	2423	1511	1760	981	1387	1491							9553	11227
- POLYESTER	309.4242	13519	7586	10316	10132	11435	11625							64613	95878
- ACRYLIC	309.4245	17224	11389	16118	7723	12187	4510							69151	22965
- OLEFIN	309.4246	1488	1604	2696	2137	1784	1876							11585	11412
- OTHER	309.4247	1228	1696	3193	1951	2312	2229							12609	21735
GROUPED FILAMENTS															
NYLON	309.3220	693	497	469	339	601	746							3345	2410
POLYESTER [d]	309.3240	2108	1330	2067	794	2046	1953							10298	11208
ACRYLIC	309.3250 & .3255	4966	3683	3809	2267	3498	2338							20561	11742
SUBTOTAL ABOVE		**43649**	**29296**	**40428**	**26324**	**35250**	**26768**							**201715**	**188577**
WASTE, ADVANCED&NOT ADVANCED															
- NYLON	309.7620	685	1210	1189	1492	1287	2199							8062	6749
- POLYESTER	309.7630	3959	4435	6616	4231	4813	5219							29273	28474
- ACRYLIC	309.7640	312	1219	923	676	970	795							4895	5554
- OTHER	309.7660	3765	3582	3138	3474	3605	3309							20873	18854
SUBTOTAL ABOVE		**8721**	**10446**	**11866**	**9873**	**10675**	**11522**							**63103**	**59631**
TOTAL MAN-MADE ABOVE		**75500**	**69081**	**83219**	**62680**	**74856**	**64505**							**429841**	**382162**
GLASS FIBER	309.2700 & .9700	8813	9352	9114	8934	7139	8164							51516	42790
GRAND TOTAL ABOVE		**84313**	**78433**	**92333**	**71614**	**81995**	**72669**							**481357**	**424952**

SOURCE: U.S. Census Bureau Report EM522.

+ Less than 1 thousand pounds.

a. Includes singles and plied yarn.

b. Includes rayon tire cord.

c. Includes noncellulosic tire cord.

d. Includes zero twist yarns.

TABLE 10:
QUARTERLY MAN-MADE FIBER DATA

MILLION POUNDS

ITEM	1986 1ST Q	1986 2ND Q	1986 3RD Q	1986 4TH Q	1986 YEAR	1987 1ST Q	1987 2ND Q	1987 3RD Q	1987 4TH Q	1987 YEAR	1988 1ST Q	1988 2ND Q	1988 3RD Q	1988 4TH Q	1988 YEAR
						YARN+MONOFILAMENTS									
CELLULOSIC YARN [d]															
PRODUCTION	**54.3**	**54.7**	**54.1**	**51.7**	**214.8**	**46.2**	**46.7**	**45.2**	**53.0**	**191.1**	**49.1**	**54.4**			
SHIPMENTS - DOMESTIC	48.6	50.4	47.7	45.4	192.1	39.2	43.6	40.2	43.8	166.8	41.4	47.3			
- EXPORT	4.7	5.1	4.9	5.5	20.2	5.0	5.9	6.1	7.9	24.9	8.7	7.9			
TOTAL SHIPMENTS	**53.3**	**55.5**	**52.6**	**50.9**	**212.3**	**44.2**	**49.5**	**46.3**	**51.7**	**191.7**	**50.1**	**55.2**			
ENDING STOCK	**13.3**	**12.5**	**14.0**	**14.8**		**16.8**	**14.0**	**12.9**	**14.2**		**13.2**	**12.4**			
IMPORTS	3.9	4.6	3.6	4.1	16.2	3.0	2.5	2.7	4.4	12.6	4.0	4.0			
TOTAL AVAILABLE	**52.5**	**55.0**	**51.3**	**49.5**	**208.3**	**42.2**	**46.1**	**42.9**	**48.2**	**179.4**	**45.4**	**51.3**			
NYLON															
PRODUCTION	**396.9**	**396.5**	**398.3**	**414.6**	**1606.3**	**414.1**	**427.5**	**432.9**	**422.7**	**1697.2**	**429.4**	**440.5**			
SHIPMENTS - DOMESTIC	363.4	368.7	377.7	370.6	1480.4	389.3	394.8	405.8	364.4	1554.3	388.4	395.5			
- EXPORT	26.7	28.2	25.1	32.8	112.8	32.1	37.9	33.7	35.8	139.5	39.6	38.1			
TOTAL SHIPMENTS	**390.1**	**396.9**	**402.8**	**403.4**	**1593.2**	**421.4**	**432.7**	**439.5**	**400.2**	**1693.8**	**428.0**	**433.6**			
ENDING STOCK	**126.5**	**126.1**	**121.6**	**132.8**		**125.5**	**120.3**	**113.7**	**136.2**		**137.6**	**144.5**			
OLEFIN [a]															
PRODUCTION	**245.9**	**255.7**	**259.5**	**296.6**	**1057.7**	**255.8**	**283.9**	**287.4**	**306.7**	**1133.8**	**301.6**	**308.9**			
SHIPMENTS - DOMESTIC	241.3	258.4	257.8	291.7	1049.2	261.5	281.8	287.5	304.7	1135.5	298.3	302.5			
- EXPORT	2.4	2.9	2.6	2.6	10.5	2.7	1.7	1.8	2.1	8.3	2.7	5.9			
TOTAL SHIPMENTS	**243.7**	**261.3**	**260.4**	**294.3**	**1059.7**	**264.2**	**283.5**	**289.3**	**306.8**	**1143.8**	**301.0**	**308.4**			
ENDING STOCK	**67.1**	**61.5**	**60.6**	**62.9**		**54.5**	**54.9**	**53.0**	**52.9**		**53.5**	**54.0**			
POLYESTER															
PRODUCTION	**322.2**	**271.5**	**285.5**	**293.5**	**1172.7**	**287.7**	**303.3**	**293.9**	**293.8**	**1178.7**	**284.5**	**313.5**			
SHIPMENTS - DOMESTIC	284.8	253.5	273.7	280.4	1092.4	266.8	285.2	280.8	280.6	1113.4	266.7	291.9			
- EXPORT	21.8	23.8	14.3	17.4	77.3	16.4	18.4	15.8	16.3	66.9	18.8	17.8			
TOTAL SHIPMENTS	**306.6**	**277.3**	**288.0**	**297.8**	**1169.7**	**283.2**	**303.6**	**296.6**	**296.9**	**1180.3**	**285.5**	**309.7**			
ENDING STOCK	**123.5**	**117.7**	**115.2**	**110.9**		**115.4**	**115.1**	**112.4**	**109.3**		**108.3**	**112.1**			
TOTAL NONCELLULOSIC ABOVE															
PRODUCTION	**965.0**	**923.7**	**943.3**	**1004.7**	**3836.7**	**957.6**	**1014.7**	**1014.2**	**1023.2**	**4009.7**	**1015.5**	**1062.9**			
SHIPMENTS - DOMESTIC	889.5	880.6	909.2	942.7	3622.0	917.6	961.8	974.1	949.7	3803.2	953.4	989.9			
- EXPORT	50.9	54.9	42.0	52.8	200.6	51.2	58.0	51.3	54.2	214.7	61.1	61.8			
TOTAL SHIPMENTS	**940.4**	**935.5**	**951.2**	**995.5**	**3822.6**	**968.8**	**1019.8**	**1025.4**	**1003.9**	**4017.9**	**1014.5**	**1051.7**			
ENDING STOCK	**317.1**	**305.3**	**297.4**	**306.6**		**295.4**	**290.3**	**279.1**	**298.4**		**299.4**	**310.6**			
DOMESTIC SHIPMENTS	889.5	880.6	909.2	942.7	3622.0	917.6	961.8	974.1	949.7	3803.2	953.4	989.9			
IMPORTS -TEXTURED YARN [b]	17.9	19.5	20.4	24.1	81.9	19.3	15.1	17.2	16.9	68.5	15.7	14.7			
-OTHER YARN [b]	12.3	13.9	14.7	14.0	54.9	13.3	12.4	11.9	11.3	48.9	11.2	11.1			
-MONOFILAMENTS	0.8	0.6	0.5	0.8	2.7	0.8	0.9	1.0	1.1	3.8	1.8	2.3			
TOTAL IMPORTS	31.0	34.0	35.6	38.9	139.5	33.4	28.4	30.1	29.3	121.2	28.7	28.1			
TOTAL AVAILABLE	**920.5**	**914.6**	**944.8**	**981.6**	**3761.5**	**951.0**	**990.2**	**1004.2**	**979.0**	**3924.4**	**982.1**	**1018.0**			
						GLASS FIBER									
TOTAL SHIPMENTS	**330.6**	**352.6**	**333.9**	**322.2**	**1339.3**	**366.1**	**392.5**	**383.3**	**371.2**	**1513.1**	**386.4**	**415.2**			
IMPORTS	7.9	6.0	4.4	5.4	23.7	4.9	5.6	11.3	7.6	29.4	5.6	7.1			

FOOTNOTES FOR TABLE ABOVE & OPPOSITE:

"Imports" are imports for consumption, as reported by the U.S. Census Bureau.

a. Also include film fiber as well as spunbonded polypropylene.

b. Includes singles and plied.

c. These figures are composites of the nylon, acrylic+modacrylic and polyester staple imports, i.e., Commodity Numbers 309.4331, .4351 .4336 & .4361.

d. Includes both rayon & acetate yarn.

e. These figures are composites of olefin and other staple imports, i.e. Commodity Numbers 309.4371, .4341 & .4390.

f. 1987-1988 data exclude Vinyon.

TABLE 10:
QUARTERLY MAN-MADE FIBER DATA *(Continued)*

MILLION POUNDS

ITEM	1986 1ST Q	1986 2ND Q	1986 3RD Q	1986 4TH Q	1986 YEAR	1987 1ST Q	1987 2ND Q	1987 3RD Q	1987 4TH Q	1987 YEAR	1988 1ST Q	1988 2ND Q	1988 3RD Q	1988 4TH Q	1988 YEAR
						STAPLE+TOW									
RAYON															
PRODUCTION	**95.1**	**99.7**	**103.4**	**105.5**	**403.7**	**101.3**	**100.5**	**103.6**	**108.4**	**413.8**	**106.6**	**101.2**			
SHIPMENTS - DOMESTIC	91.6	92.0	95.1	94.3	373.0	91.8	91.0	97.9	102.4	383.1	101.9	102.0			
- EXPORT	6.3	6.9	7.3	10.3	30.8	8.1	8.2	12.6	3.5	32.4	5.1	6.1			
TOTAL SHIPMENTS	**97.9**	**98.9**	**102.4**	**104.6**	**403.8**	**99.9**	**99.2**	**110.5**	**105.9**	**415.5**	**107.0**	**108.1**			
ENDING STOCK	**19.7**	**20.5**	**21.5**	**22.4**		**23.8**	**25.1**	**18.2**	**20.7**		**20.3**	**13.4**			
DOMESTIC SHIPMENTS	91.6	92.0	95.1	94.3	373.0	91.8	91.0	97.9	102.4	383.1	101.9	102.0			
IMPORTS FOR CONSUMPTION															
STAPLE	3.9	3.6	4.6	4.3	16.4	3.9	3.8	2.6	2.7	13.0	3.2	3.8			
GROUPED FILAMENTS	0.3	0.3	0.3	0.1	1.0	0.2	0.1	0.4	0.2	0.9	0.2	0.3			
TOTAL IMPORTS	4.2	3.9	4.9	4.4	17.4	4.1	3.9	3.0	2.9	13.9	3.4	4.1			
TOTAL AVAILABLE	**95.8**	**95.9**	**100.0**	**98.7**	**390.4**	**95.9**	**94.9**	**100.9**	**105.3**	**397.0**	**105.3**	**106.1**			
NYLON															
PRODUCTION	**220.5**	**207.4**	**236.1**	**244.3**	**908.3**	**247.4**	**261.0**	**252.8**	**231.2**	**992.4**	**230.9**	**235.8**			
SHIPMENTS-DOMESTIC	195.2	203.2	254.3	242.2	894.9	246.2	253.2	246.2	220.4	966.0	238.8	223.8			
-EXPORT	3.9	2.9	3.0	3.5	13.3	5.3	5.0	3.7	5.5	19.5	4.3	4.3			
TOTAL SHIPMENTS	**199.1**	**206.1**	**257.3**	**245.7**	**908.2**	**251.5**	**258.2**	**249.9**	**225.9**	**985.5**	**243.1**	**228.1**			
ENDING STOCK	**84.1**	**85.4**	**64.2**	**62.8**		**58.7**	**61.5**	**64.4**	**69.7**		**57.5**	**65.2**			
IMPORTS	11.9	10.6	14.9	14.6	52.0	14.8	8.7	8.6	6.9	39.0	4.9	5.1			
TOTAL AVAILABLE	**207.1**	**213.8**	**269.2**	**256.8**	**946.9**	**261.0**	**261.9**	**254.8**	**227.3**	**1005.0**	**243.7**	**228.9**			
ACRYLIC+MODACRYLIC															
PRODUCTION	**149.0**	**151.1**	**158.0**	**157.8**	**615.9**	**155.7**	**159.0**	**135.3**	**141.5**	**591.5**	**148.8**	**150.9**			
SHIPMENTS-DOMESTIC	123.1	143.7	138.7	125.7	531.2	139.4	131.6	112.8	95.5	479.3	109.0	109.3			
-EXPORT	27.1	19.2	17.8	18.8	82.9	14.7	17.0	32.0	51.4	115.1	47.7	29.1			
TOTAL SHIPMENTS	**150.2**	**162.9**	**156.5**	**144.5**	**614.1**	**154.1**	**148.6**	**144.8**	**146.9**	**594.4**	**156.7**	**138.4**			
ENDING STOCK	**63.2**	**51.4**	**52.9**	**66.2**		**67.8**	**78.2**	**68.7**	**63.3**		**55.4**	**67.9**			
IMPORTS	3.2	4.0	5.3	4.9	17.4	3.3	4.1	4.6	3.7	15.7	3.3	4.4			
TOTAL AVAILABLE	**126.3**	**147.7**	**144.0**	**130.6**	**548.6**	**142.7**	**135.7**	**117.4**	**99.2**	**495.0**	**112.3**	**113.7**			
OLEFIN+VINYON [f]															
PRODUCTION	**82.4**	**82.3**	**84.7**	**85.9**	**335.3**	**85.5**	**92.3**	**92.1**	**90.6**	**360.5**	**94.3**	**94.5**			
SHIPMENTS-DOMESTIC	73.9	82.6	76.4	79.8	312.7	81.1	85.7	86.1	88.2	341.1	83.8	87.6			
-EXPORT	4.2	4.8	4.8	5.0	18.8	6.9	5.7	5.4	4.8	22.8	5.6	5.8			
TOTAL SHIPMENTS	**78.1**	**87.4**	**81.2**	**84.8**	**331.5**	**88.0**	**91.4**	**91.5**	**93.0**	**363.9**	**89.4**	**93.4**			
ENDING STOCK	**34.0**	**28.9**	**32.4**	**33.5**		**31.0**	**31.9**	**32.5**	**30.1**		**35.0**	**36.1**			
POLYESTER															
PRODUCTION	**520.8**	**538.7**	**522.1**	**550.7**	**2132.3**	**581.0**	**596.2**	**578.4**	**606.2**	**2361.8**	**592.6**	**619.5**			
SHIPMENTS-DOMESTIC	499.1	499.9	496.3	503.3	1998.6	534.4	549.9	537.5	579.2	2201.0	563.5	572.5			
-EXPORT	25.7	25.0	31.6	42.5	124.8	48.2	47.0	38.3	34.7	168.2	27.8	31.1			
TOTAL SHIPMENTS	**524.8**	**524.9**	**527.9**	**545.8**	**2123.4**	**582.6**	**596.9**	**575.8**	**613.9**	**2369.2**	**591.3**	**603.6**			
ENDING STOCK	**151.0**	**164.8**	**159.0**	**163.9**		**162.3**	**161.6**	**164.2**	**156.5**		**157.8**	**173.7**			
IMPORTS	9.3	8.9	8.7	13.9	40.8	15.5	17.4	23.4	14.4	70.7	15.0	20.7			
TOTAL AVAILABLE	**508.4**	**508.8**	**505.0**	**517.2**	**2039.4**	**549.9**	**567.3**	**560.9**	**593.6**	**2271.7**	**578.5**	**593.2**			
TOTAL NONCELLULOSIC															
PRODUCTION	**972.7**	**979.5**	**1000.9**	**1038.7**	**3991.8**	**1069.6**	**1108.5**	**1058.6**	**1069.5**	**4306.2**	**1066.6**	**1100.7**			
SHIPMENTS-DOMESTIC	891.3	929.4	965.7	951.0	3737.4	1001.1	1020.4	982.6	983.3	3987.4	995.1	993.2			
-EXPORT	60.9	51.9	57.2	69.8	239.8	75.1	74.7	79.4	96.4	325.6	85.4	70.3			
TOTAL SHIPMENTS	**952.2**	**981.3**	**1022.9**	**1020.8**	**3977.2**	**1076.2**	**1095.1**	**1062.0**	**1079.7**	**4313.0**	**1080.5**	**1063.5**			
ENDING STOCK	**332.3**	**330.5**	**308.5**	**326.4**		**319.8**	**333.2**	**329.8**	**319.6**		**305.7**	**342.9**			
DOMESTIC SHIPMENTS	891.3	929.4	965.7	951.0	3737.4	1001.1	1020.4	982.6	983.3	3987.4	995.1	993.2			
IMPORTS FOR CONSUMPTION															
3 FIBERS ABOVE [c]	24.4	23.5	28.9	33.4	110.2	33.6	30.2	36.6	25.0	125.4	23.2	30.2			
OTHER N.C. STAPLE [e]	7.2	4.4	2.5	2.0	16.1	2.8	3.6	3.7	3.4	13.5	5.6	5.7			
GROUPED FILAMENTS	14.4	15.0	14.7	12.4	56.5	12.4	12.4	12.1	13.1	50.0	14.5	17.8			
TOTAL IMPORTS	46.0	42.9	46.1	47.8	182.8	48.8	46.2	52.4	41.5	188.9	43.3	53.7			
TOTAL AVAILABLE	**917.3**	**972.3**	**1011.8**	**998.8**	**3920.2**	**1049.9**	**1066.6**	**1035.0**	**1024.8**	**4176.3**	**1038.4**	**1046.9**			

See footnotes on opposite page.

TABLE 11:
SELECTED U.S. MONTHLY FIBER DATA

MILLION POUNDS

ITEM	1988 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE[a] 1988	1987
MAN-MADE FIBER TOTAL SHIPMENTS[b,c]														
CELLULOSIC														
YARN	15.9	16.1	18.1	19.4	18.3	17.5	19.1						124.4	108.3
RAYON STAPLE	32.6	35.9	38.5	35.5	36.4	36.2	29.1						244.2	232.7
TOTAL CELLULOSIC	**48.5**	**52.0**	**56.6**	**54.9**	**54.7**	**53.7**	**48.2**						**368.6**	**341.0**
NONCELLULOSIC														
YARN+MONOFILAMENTS														
NYLON - INDUSTRIAL[d]	27.5	32.1	34.8	32.2	30.8	32.4	32.4						222.2	220.2
- CARPET	72.6	80.7	84.6	80.7	81.9	79.3	73.7						553.5	554.6
- TEXTILE[f]	30.0	31.2	34.5	31.7	32.0	32.6	27.7						219.7	221.4
POLYESTER - INDUSTRIAL[d]	26.5	29.3	30.7	31.3	29.4	31.3	29.3						208.8	192.3
- TEXTILE[f]	62.9	68.4	67.7	74.3	71.9	70.5	70.2						485.9	492.9
OLEFIN[e]	97.2	101.4	102.4	102.7	102.9	102.8	86.3						695.7	630.9
TOTAL YARN	**316.7**	**343.1**	**354.7**	**352.9**	**348.9**	**349.9**	**319.6**						**2385.8**	**2312.3**
STAPLE+TOW+FIBERFILL														
NYLON	78.0	81.7	83.4	71.0	77.9	79.2	75.0						546.2	591.3
ACRYLIC+MODACRYLIC	48.5	52.8	55.4	45.4	45.6	47.4	42.1						337.2	350.2
POLYESTER	190.4	202.4	198.5	212.1	195.8	195.7	185.2						1380.1	1361.1
OLEFIN	29.1	29.6	30.7	29.8	31.2	32.4	26.9						209.7	206.3
TOTAL STAPLE	**346.0**	**366.5**	**368.0**	**358.3**	**350.5**	**354.7**	**329.2**						**2473.2**	**2508.9**
TOTAL NONCELLULOSIC	**622.7**	**709.6**	**722.7**	**711.2**	**699.4**	**704.6**	**648.8**						**4859.0**	**4821.2**
TOTAL MAN-MADE FIBER	**711.2**	**761.6**	**779.3**	**766.1**	**754.1**	**758.3**	**697.0**						**5227.6**	**5162.2**
MAN-MADE FIBER END OF MONTH STOCK														
CELLULOSIC														
YARN	12.3	13.3	13.2	14.0	12.8	12.4	13.4						13.4	14.0
RAYON STAPLE	23.5	22.5	20.3	18.0	16.5	13.4	15.5						15.5	25.0
TOTAL CELLULOSIC	**35.8**	**35.8**	**33.5**	**32.0**	**29.3**	**25.8**	**28.9**						**28.9**	**39.0**
NONCELLULOSIC														
YARN+MONOFILAMENTS														
NYLON - INDUSTRIAL[d]	26.6	25.7	23.5	23.3	25.2	24.7	28.1						28.1	26.5
- CARPET	72.0	66.5	67.0	67.1	70.2	71.9	78.0						78.0	52.7
- TEXTILE[f]	51.8	50.1	47.1	47.2	48.7	47.8	51.9						51.9	48.6
POLYESTER - INDUSTRIAL[d]	29.8	29.2	28.8	29.6	30.5	29.2	33.3						33.3	31.6
- TEXTILE[f]	82.5	81.5	79.5	77.3	79.7	82.9	94.4						94.4	85.6
OLEFIN[e]	54.4	55.0	53.5	54.1	54.5	54.0	55.3						55.3	57.0
TOTAL YARN	**317.1**	**308.0**	**299.4**	**298.6**	**308.8**	**310.5**	**341.0**						**341.0**	**302.0**
STAPLE+TOW+FIBERFILL														
NYLON	63.4	64.7	57.5	64.4	60.5	65.2	66.5						66.5	66.9
ACRYLIC+MODACRYLIC	62.4	58.8	55.4	57.9	63.7	67.9	72.8						72.8	73.9
POLYESTER	173.7	168.3	157.8	161.8	167.4	173.7	205.7						205.7	182.1
OLEFIN	32.5	33.7	35.0	35.8	37.8	36.1	38.5						38.5	34.5
TOTAL STAPLE	**332.0**	**325.5**	**305.7**	**319.9**	**329.4**	**342.9**	**383.5**						**383.5**	**357.4**
TOTAL NONCELLULOSIC	**649.1**	**633.5**	**605.1**	**618.5**	**637.6**	**653.4**	**724.5**						**724.5**	**659.4**
TOTAL MAN-MADE FIBER	**684.9**	**669.3**	**638.6**	**650.5**	**666.9**	**679.2**	**753.7**						**753.7**	**698.4**
WOOL & COTTON CONSUMPTION														
APPAREL CLASS WOOL	12.9	11.7	14.1	11.3	11.5	13.0							74.5	82.9
CARPET CLASS WOOL	1.4	1.5	1.6	1.4	1.4	1.1							8.4	6.2
TOTAL RAW WOOL	14.3	13.2	15.7	12.7	12.9	14.1							82.9	89.1
RAW COTTON	300.0	311.4	339.3	278.0	302.6	294.1							1825.4	1863.9

a. "Year to date" totals for stock, are the latest month's figures.
b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic shipments plus export shipments.
d. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
e. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
f. Includes low denier industrial yarn.

MAN-MADE FIBER REVIEW

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FIBER REVIEW

A Monthly Summary of Fiber Production Information Vol. 6, No. 6 JUNE 1987

HIGHLIGHTS

- SAMPLE -

In May, production of noncellulosic fibers (except aramid, saran and spandex) totaled 712.8 million pounds, 2.1% above the 698.2 million pounds produced in April. Filament yarn production rose 1.4% to 336.0 million pounds and staple+tow rose 2.7% to 376.8 million pounds.

Shipments of noncellulosic fibers (except aramid, saran and spandex) rose in May to 712.5 million pounds, up 2.2% from the 696.9 million pounds shipped in April. Deliveries of filament yarn rose 4.8% to 345.7 million pounds and shipments of staple+tow rose 0.2% to 366.8 million pounds.

May producer exports of polyester staple+tow fell 12.2% to 13.6 million pounds and exports of acrylic+modacrylic staple+tow rose to 7.4 million pounds, up 95.0%. For May 1987, producer exports of polyester staple+tow were 39.0% above the 9.8 million pounds exported in May 1986.

May shipments of noncellulosic fibers to the carpet trades rose to 185.4 million pounds, up 7.0% from the 173.3 million pounds shipped in April. Nylon staple+tow rose by 2.9%, nylon yarn rose by 12.0% and polyester staple+tow rose by 4.3%.

As of the end of May, stocks of noncellulosic fibers rose to 617.9 million pounds, up 0.1% from 617.6 million pounds in April. Stocks of staple+tow rose 3.1% and stocks of filament yarn fell 3.3%.

MAN-MADE FIBER PRODUCTION DATA

MILLION POUNDS & *PERCENT CHANGE*

ITEM	1987 MAY	1987 APR	% [a]	1986 MAY	% [b]	YEAR TO DATE 1987	YEAR TO DATE 1986	% [c]
YARN+MONOFILAMENTS								
CELLULOSIC YARN	15.6	14.9	*+4.7*	19.0	*-17.9*	76.7	91.5	*-16.2*
NYLON[d] - INDUSTRIAL	33.7	31.8	*+6.0*	28.7	*+17.4*	155.8	143.0	*+9.0*
CARPET	82.1	77.0	*+6.6*	77.7	*+5.7*	389.3	371.3	*+4.8*
- TEXTILE[e]	32.8	32.8	--	31.7	*+3.5*	159.2	154.4	*+3.1*
POLYESTER - INDUSTRIAL	27.5	28.9	*-4.8*	26.1	*+5.4*	138.4	137.5	*+0.7*
- TEXTILE[e]	70.4	71.3	*-1.3*	68.0	*+3.5*	347.4	374.0	*-7.1*
OLEFIN	89.5	89.6	*-0.1*	81.9	*+9.3*	442.5	414.1	*+6.9*
TOTAL NONCELLULOSIC ABOVE	336.0	331.4	*+1.4*	314.1	*+7.0*	1632.6	1594.3	*+2.4*
STAPLE +TOW+FIBERFILL								
RAYON	32.8	34.1	*-3.8*	33.2	*-1.2*	168.2	161.4	*+4.2*
NYLON[d]	89.8	87.7	*+2.4*	70.8	*+26.8*	424.9	363.4	*+16.9*
ACRYLIC+MODACRYLIC	53.8	53.5	*+0.6*	52.0	*+3.5*	263.0	250.3	*+5.1*
POLYESTER	202.7	195.2	*+3.8*	185.7	*+9.2*	978.9	884.9	*+10.6*
OLEFIN+VINYON[f]	30.5	30.4	*+0.3*	27.3	*+11.7*	146.4	135.6	*+8.0*
TOTAL NONCELLULOSIC ABOVE	376.8	366.8	*+2.7*	335.8	*+12.2*	1813.2	1634.2	*+11.0*

a. Percent change from previous monthtocurrent month.
b. Percent change to current month from same month last year.
c. Percent change from cumulative total last year to cumulative total this year.
d. Nylon excludes Aramid.
e. Low denier industrial nylon and polyester is included with Textile.
f. 1987 data no longer includes Vinyon.

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NONCELLULOSIC YARN+MONOFILAMENTS
PRODUCTION, SHIPMENTS & STOCK
MONTHLY 1987
MILLION POUNDS

ITEM	1987 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1987	1986
NYLON														
INDUSTRIAL[a]														
Domestic Shipments-Tires	13.6	15.3	14.7	12.0	11.7								67.3	62.1
-Other	8.0	8.2	9.3	9.9	9.6								45.0	44.6
Export	9.4	9.3	6.6	7.6	14.4								47.3	34.6
Ending Stock	29.2	24.9	26.7	29.0	27.0								27.0	27.2
CARPET														
Domestic Shipments	73.9	76.0	78.6	75.1	84.1								387.7	351.3
Export	1.2	1.6	1.3	1.8	2.1								8.0	7.4
Ending Stock	56.6	55.5	52.3	52.4	48.3								48.3	59.0
TEXTILE[d]														
Domestic Shipments	29.8	29.6	32.3	31.2	31.4								154.3	152.0
Export	0.7	0.8	1.2	0.9	1.0								4.6	4.4
Ending Stock	49.6	49.4	46.5	47.2	47.6								47.6	45.8
TOTAL NYLON ABOVE														
PRODUCTION	**139.2**	**135.2**	**139.7**	**141.6**	**148.6**								**704.3**	**668.7**
Domestic Shipments	125.3	129.1	134.9	128.2	136.8								654.3	610.0
Export	11.3	11.7	9.1	10.3	17.5								59.9	46.4
TOTAL SHIPMENTS	**136.6**	**140.8**	**144.0**	**138.5**	**154.3**								**714.2**	**656.4**
ENDING STOCK	**135.4**	**129.8**	**125.5**	**128.6**	**122.9**								**122.9**	**132.0**
POLYESTER														
INDUSTRIAL[a]														
Domestic Shipments-Tires	13.8	13.3	13.8	14.0	13.8								68.7	64.2
-Other	10.4	11.4	12.6	11.5	11.6								57.5	56.5
Export	2.4	2.9	3.0	2.2	2.6								13.1	12.1
Ending Stock	30.6	30.0	27.8	29.0	28.5								28.5	28.9
TEXTILE[d]														
Domestic Shipments by Denier														
40+50 (55 & Finer)	2.1	2.4	3.1	3.2	3.2								14.0	12.8
70 (56-89)	10.9	8.8	10.9	9.8	10.2								50.6	52.9
100 (90-109)	2.9	4.0	4.1	4.1	4.0								19.1	28.2
120 (110-129) & 135 (130-144)	0.9	1.5	1.4	1.0	1.0								5.8	3.6
150 (145-179)	40.9	40.0	43.6	49.2	45.6								219.3	212.2
200 (180 & Coarser)	4.3	4.6	6.1	5.8	6.1								26.9	29.0
Total Textile Domestic	62.0	61.3	69.2	73.1	70.1								335.7	338.7
Domestic Shipments also Divided as														
Textured Yarn	48.8	47.2	53.3	58.0	55.0								262.3	269.2
Flat Yarn	13.2	14.1	15.9	15.1	15.1								73.4	69.5
Export	1.3	2.7	3.1	2.6	3.5								13.2	27.1
Ending Stock	85.6	88.8	87.6	83.2	80.0								80.0	91.9
TOTAL POLYESTER ABOVE														
PRODUCTION	**95.2**	**94.2**	**98.3**	**100.2**	**97.9**								**485.8**	**511.5**
Domestic Shipments	86.2	86.0	95.6	98.6	95.5								461.9	459.4
of Which Indirect Exports	**5.2*	**4.9*	*5.1*	**5.8*	*4.2*								*25.2*	*38.7*
Export	3.7	5.6	6.1	4.8	6.1								26.3	39.2
TOTAL SHIPMENTS	**89.9**	**91.6**	**101.7**	**103.4**	**101.6**								**488.2**	**498.6**
ENDING STOCK	**116.2**	**118.8**	**115.4**	**112.2**	**108.5**								**108.5**	**120.8**
OLEFIN														
PRODUCTION	**84.1**	**88.5**	**90.8**	**89.6**	**89.5**								**442.5**	**414.1**
Shipments														
Filament Yarn	17.2	20.3	19.5	19.7	19.7								96.4	82.6
Film Fiber & Other	75.1	67.3	71.3	69.2	70.1								353.0	330.0
TOTAL SHIPMENTS	**92.3**	**87.6**	**90.8**	**88.9**	**89.8**								**449.4**	**412.6**
ENDING STOCK	**54.7**	**55.6**	**55.6**	**56.3**	**56.0**								**56.0**	**66.4**
TOTAL ABOVE[c]														
PRODUCTION	**318.5**	**317.9**	**328.8**	**331.4**	**336.0**								**1632.6**	**1594.3**
SHIPMENTS	**318.8**	**320.0**	**336.5**	**330.8**	**345.7**								**1651.8**	**1567.6**
ENDING STOCK	**306.3**	**304.2**	**296.5**	**297.1**	**287.4**								**287.4**	**319.2**

See footnotes opposite.

NONCELLULOSIC STAPLE+TOW+FIBERFILL
PRODUCTION, SHIPMENTS & STOCK
MONTHLY 1987
MILLION POUNDS

ITEM	1987 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1987	1986
NYLON														
PRODUCTION - TOTAL	**80.6**	**75.7**	**91.1**	**87.7**	**89.8**								**424.9**	**363.4**
Domestic Shipments by Denier														
Less than 10	8.9	8.5	8.4	9.3	7.3								42.4	39.3
10, Less than 15	3.0	1.9	1.7	1.6	3.4								11.6	14.4
15, Less than 20	66.2	64.3	68.0	71.2	73.6								343.3	254.2
20 & Coarser	5.0	4.5	5.8	4.9	4.8								25.0	24.3
Total Domestic Shipments	83.1	79.2	83.9	87.0	89.1								422.3	332.2
Domestic Shipments also Divided as														
Carpet	77.6	73.6	79.0	81.9	84.3								396.4	307.1
Other	5.5	5.6	4.9	5.1	4.8								25.9	25.1
Export	1.0	2.0	2.3	1.7	2.0								9.0	5.9
TOTAL SHIPMENTS	**84.1**	**81.2**	**86.2**	**88.7**	**91.1**								**431.3**	**338.1**
ENDING STOCK	**59.3**	**53.8**	**58.7**	**57.7**	**56.4**								**56.4**	**88.0**
ACRYLIC+MODACRYLIC														
PRODUCTION - TOTAL	**51.2**	**50.4**	**54.1**	**53.5**	**53.8**								**263.0**	**250.3**
Domestic Shipments by Denier														
Less than 4	33.1	35.2	39.1	37.4	36.0								180.8	168.1
4, Less than 10 and 10 & Coarser	10.9	10.2	10.9	10.0	8.9								50.9	52.5
Total Domestic Shipments	44.0	45.4	50.0	47.4	44.9								231.7	220.6
Export	5.2	5.3	4.2	3.8	7.4								25.9	40.7
TOTAL SHIPMENTS	**49.2**	**50.7**	**54.2**	**51.2**	**52.3**								**257.6**	**261.3**
ENDING STOCK	**68.2**	**67.9**	**67.8**	**70.1**	**71.6**								**71.6**	**53.4**
POLYESTER														
PRODUCTION - TOTAL	***198.9**	***184.0**	***198.1**	***195.2**	**202.7**								**978.9**	**884.9**
Domestic Shipments by Denier														
Fiberfill	27.3	29.9	31.7	27.1	27.3								143.3	118.5
Less than 1.3	*47.2	*47.2	*51.6	*50.1	50.7								246.8	202.6
1.3, Less than 2.5	60.9	62.4	*66.8	65.0	64.8								319.9	371.4
2.5, Less than 5.5	*10.3	9.9	11.3	*12.3	11.1								54.9	53.6
5.5, Less than 10	*6.6	*8.2	*6.5	*6.6	5.9								33.8	30.9
10 & Coarser	*16.2	*19.1	*21.3	*18.5	20.0								95.1	70.8
Total Domestic Shipments	*168.5	*176.7	*189.2	*179.6	179.8								893.8	847.8
Domestic Shipments also Divided as														
Carpet	*13.1	*15.9	*17.8	*16.3	17.0								80.1	58.1
Other	*155.4	*160.8	*171.4	*163.3	162.8								813.7	789.7
Export	16.3	15.5	16.4	15.5	13.6								77.3	41.7
TOTAL SHIPMENTS	***184.8**	***192.2**	***205.6**	***195.1**	**193.4**								**971.1**	**889.5**
ENDING STOCK	**178.0**	**169.8**	**162.3**	**162.4**	**171.7**								**171.7**	**150.4**
OLEFIN & VINYON [e]														
PRODUCTION	**28.0**	**27.2**	***30.3**	***30.4**	**30.5**								**146.4**	**135.6**
SHIPMENTS	**28.2**	**27.9**	***31.9**	**31.1**	**30.0**								**149.1**	**135.6**
ENDING STOCK	**33.3**	**32.6**	***31.0**	**30.3**	**30.8**								**30.8**	**29.7**
TOTAL ABOVE														
PRODUCTION	***358.7**	***337.3**	***373.6**	***366.8**	**376.8**								**1813.2**	**1634.2**
SHIPMENTS	***346.3**	***352.0**	***377.9**	***366.1**	**366.8**								**1809.1**	**1624.5**
ENDING STOCK	**338.8**	**324.1**	***319.8**	**320.5**	**330.5**								**330.5**	**321.5**

*. Revisions in the previous month.
a. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
b. Low denier industrial is finer than 500 denier with an Instron tenacity over 5.5 grams per denier.
c. Does not include saran or spandex.
d. Low denier industrial nylon and polyester included with Textile.
e. 1987 data excludes vinyon.

CELLULOSIC YARN & STAPLE+TOW PRODUCTION, SHIPMENTS & STOCK

MONTHLY 1987

MILLION POUNDS

ITEM	1987 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1987	1986
	YARN+MONOFILAMENTS													
CELLULOSIC YARN														
PRODUCTION	**17.7**	**14.0**	**14.5**	**14.9**	**15.6**								**76.7**	**91.5**
SHIPMENTS-Domestic	12.8	12.3	14.1	14.5	14.3								68.0	83.3
-Export	1.8	1.4	1.8	2.0	1.8								8.8	8.3
-TOTAL	**14.6**	**13.7**	**15.9**	**16.5**	**16.1**								**76.8**	**91.6**
ENDING STOCK	**17.9**	**18.2**	**16.8**	**15.2**	**14.7**								**14.7**	**12.2**
INCLUDES ACETATE AND RAYON YARN+MONOFILAMENT.														
	STAPLE+TOW													
RAYON														
PRODUCTION	**36.0**	**31.5**	**33.8**	**34.1**	**32.8**								**168.2**	**161.4**
SHIPMENTS-Domestic	31.2	27.7	32.9	31.2	29.2								152.2	154.9
-Export	2.9	2.0	3.2	2.0	2.4								12.5	10.6
-TOTAL	**34.1**	**29.7**	**36.1**	**33.2**	**31.6**								**164.7**	**165.5**
ENDING STOCK	**24.3**	**26.1**	**23.8**	**24.7**	**25.9**								**25.9**	**18.4**

ESTIMATED U.S. MILL CONSUMPTION

MILLION POUNDS

ITEM	1987 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1987	1986
CELLULOSIC														
YARN	14	13	15	15									57	72
STAPLE	33	30	36	34									133	132
TOTAL CELLULOSIC	**47**	**43**	**51**	**49**									**190**	**204**
NONCELLULOSIC														
YARN	315	314	333	327									1289	1220
STAPLE	357	360	389	375									1481	1333
TOTAL NONCELLULOSIC	**672**	**674**	**722**	**702**									**2770**	**2553**
TOTAL MAN-MADE FIBERS [a]	**719**	**717**	**773**	**751**									**2960**	**2757**
COTTON	302	282	341	312									1237	1064
WOOL	15	14	16	15									60	56
TOTAL FIBER	**1036**	**1013**	**1130**	**1078**									**4257**	**3877**
% OF MILL CONSUMPTION														
MAN-MADE FIBERS	*69*	*71*	*68*	*70*									*70*	*71*
COTTON	*29*	*28*	*30*	*29*									*29*	*27*
WOOL	*2*	*1*	*2*	*1*									*1*	*2*

a. Excludes textile glass fiber, acetate cigarette tow and Aramid.